

**SYSTEM AND METHOD FOR INCORPORATING
GRAPHICS INTO ABSORBENT ARTICLES**

ABSTRACT

A method for incorporating graphics into absorbent articles. The method involving: providing a moving substrate to a print cylinder; sensing a line speed reference signal from a line speed target machinery component; rotating the print cylinder at a predetermined speed, based on the line speed reference signal, to thereby print a series of graphics on the moving substrate at a predetermined distance frequency; sensing a phase difference signal from a phase target machinery component; and setting an actual print cylinder phase angle, based on the phase difference signal, to approximate a predetermined phase angle to thereby position the series of graphics on the moving substrate at a series of desired graphics locations. A system for executing the method and garments produced from the method and system are also provided.